

CERTIFIED MAIL 7017 1450 0002 2590 7600 RETURN RECEIPT REQUESTED

November 21, 2017

Mr. Terry O'Clair Director, Division of Air Quality North Dakota Department of Health Division of Air Quality 918 East Divide Avenue, 2nd Floor Bismarck, ND 58501-1947

RECEIVED

NOV 2 8 2017

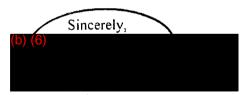
Office of Enforcement Compliance & Environmental Justice

40 CFR §60.5420a(b) REPORTING REQUIREMENTS FOR AFFECTED FACILITIES IN NORTH DAKOTA SUBJECT TO 40 CFR §60 SUBPART OOOOa (NSPS OOOOa) ANNUAL REPORT

Dear Mr. O'Clair:

ONEOK Rockies Midstream (ORM) respectfully submits the enclosed Annual Report for these OOOOa Affected Facilities in North Dakota: Reciprocating Compressors and Fugitive Monitoring at Compressor Stations. The reporting period for the included facility is through August 24, 2017. Per 40 CFR §60.5420a(b), this report is being provided within 90 days after the end of the initial compliance period which begins upon inital startup and ends no later than 1 year after the initial startup date.

If you need additional information or have any questions, please contact me at Kale.Hanner@oneok.com or 918-732-1477.



Kale Hanner Environmental Supervisor

Enclosures: Annual Reports for OOOOa Affected Facilities, Monitoring Reports, R.O. Certification

 xc: U.S. EPA Region 8, 1595 Wynkoop Street, Mail Code 8ENF-AT, Denver, CO 80202-1129 CERTIFIED MAIL 7017 1450 0002 2590 7617 / RETURN RECEIPT REQUESTED
 V. Danzeisen/C. Trembath/T. Kelvington/B. Danforth/C. Forsander/W. Parke Moore/R. Brown (.pdf) Tulsa Environmental Files – ORM – North Dakota – NSPS Annual Reports

> ONEOK Field Services Company 100 West Fifth Street Tulsa, OK 74103 www.oneok.com

CERTIFICATION FOR 40 CFR §60.5420a(b) REPORTING REQUIREMENTS FOR AFFECTED FACILITIES IN NORTH DAKOTA SUBJECT TO 40 CFR §60 SUBPART OOOOa ANNUAL REPORT

ONEOK ROCKIES MIDSTREAM, L.L.C.

I certify, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.
Name of Responsible Official (print or type): <u>David C. Roensch</u>
Title: Vice President - Natural Gas Gathering and Processing Operations
Signature: Date: 11/21/17

OOOOa Annual Report Due: 11/21/2017 End of OOOOa Reporting Period: 08/24/2017 ONEOK Rockies Midstream, L.L.C. (ORM) P.O. Box 871, Tulsa, OK 74102-0871 100 West Fifth Street, Tulsa, OK 74103-4298 Reciprocating Compressors in ORM North Dakota Area Subject to 40 CFR Subpart OOOQa Note: Some Compressors May Not Operate 24/7 60.5415(c)(3) You must replace the rod Date of this packing before the total number of hours of Approximate elapsed Approximate elapsed survey update: Initial startup number of MONTHS number of HOURS operation reaches 26,000 hours or the number 08/02/17 or date or date of since initial startup, or since initial startup, or of months...reaches 36 months. Skid or Compressor rod packing date of rod Deviation? since previous since previous Section Twnshp Range Unit Latitude Longitude County Qtrs Location Serial Number replacement, packing Number compressor rod compressor rod whichever is replacement, packing replacement, Date and Time of Compressor Rod Packing packing replacement, later whichever is Replacement per 60.5420 (c) (3) (ii) whichever is later whichever is later later 8/2/2017 NA No 6656 F-13399 6/10/2016 13.5 146N 95W Killd 2 Bear Creek Gas Plant Dunn NE/4 28 No 8/2/2017 5681 NA 28 146N 95W Killd 4 F-50531 11/2/2016 8.8 Bear Creek Gas Plant Dunn NF/4 NA. No 8/2/2017 5256 146N 95W Killd 5 F-50532 11/3/2016 2.2 Bear Creek Gas Plant NE/4 Dunn 28 NA No 8/2/2017 9.9 4984 Bear Creek Gas Plant 1 NE/4 28 146N 95W Killd 6 F-50643 11/2/2016 Dunn No 8/24/2016 8/2/2017 11.1 3852 NA Big Gulch CS F-51477 NW/4, NE/4 19 147N 96W Dunn NA No 8/2/2017 10.6 4246 F-51589 9/8/2016 Big Gulch CS Dunn NW/4, NE/4 19 147N 96W NA No 8/2/2017 4740 F-51539 8/29/2016 10.9 96W 147N Big Gulch CS NW/4, NE/4 19 8/2/2017 10.8 4350 NA No 147N 96W F-51745 8/31/2016 NW/4, NE/4 19 Big Gulch CS Dunn 5446 NA No 8/2/2017 11.1 8/24/2016 SE/4,SE/4 25 147N 96W F-51038 Lost Bridge CS Dunn These four compressors are located at the Killdeer Compressor Station and and is collocated with the Bear Creek Gas Plant. Monitoring results are included in the Bear Creek Gas Plant Semi-Annual NSPS Subpart OOOO LDAR Monitoring Reports. The commence construction date for Elm Tree Unit 7 was June 28, 2017. The commence contruction date for Galaxy Unit 6 was March 4, 2017. Their startup dates are after the end of this reporting period. Monitoring Surveys will be submitted separately from this Strikethroughs indicate that runhours were supplied because compressor does not run 24/7

					rt Due: 11/21/: g Period: 08/2					
			ONEON B	ackies Midst	traam IIC/C	DAAL				
	ONEOK Rockies Midstream, L.L.C. (ORM) P.O. Box 871, Tulsa, OK 74102-0871 100 West Fifth Street, Tulsa, OK 74103-4298									
	Compre		RM North Dakota jugitive emissions						per 40 CFR Subpart OO	00a
		Complete I	ugitive emissions	monitoring	survey is inclu	uea with	uns sumn	iary		
acility ID	Location	Latitude	Longitude	County	Qtrs	Section	Twnshp	Range	Date of survey	Deviation?
ND0001	Big Gulch CS	(b) (9)	(b) (9)	Dunn	NW/4, NE/4	19	147N	96W	5/11/2017	No
ND0001 Big Gulch CS (b) (9) (b) (9) Dunn NW/4, NE/4 19 147N 96W 5/1 ND0002 Lost Bridge CS Dunn SE/4, SE/4 25 147N 96W 5/1						No				

	SURVEY SUMMARY REPORT	
COMPANY	ONEOK Inc.	
FACILITY	Big Gulch	
FACILITY TYPE	Compressor Station	

SURVEY INFORMATION					
DATE	5/11/2017	OGI OPERATOR	(b) (6)		
START TIME	14:03:29	TRAINING COMPLETED	ITC Certified Thermographer		
END TIME	15:55:19	YEARS EXPERIENCE	1		
SKY CONDITIONS	Partly Cloudy	MAXIMUM WIND SPEED	6		
INSTRUMENT USED	GF320	AMBIENT TEMPERATURE °F	75		

DEVIATIONS FROM THE MONITORING PLAN				
YES/NO		REASON FOR DEVIATION IF "YES"		
O	NO			

	LEAKS					
COMPONENT TAG	COMPONENT TYPE	REPAIRED PER 60.5397a(h)	DATE OF REPAIR	RESURVEY INSTRUMENT		
514	Connector	YES	5/11/2017 15:33	OGI- GF320		
513	Connector	YES	6/7/2017 11:45	OGI- GF320		

TOTAL LEAKS DETECTED		
COMPONENT TYPE	COUNT	
CONNECTOR	2	

DELAY OF REPAIR				
COMPONENT TAG	COMPONENT TYPE	REASON FOR DELAY		
512	Pressure Relief Device	Repair is technically infeasible without a process unit shutdown		
511	Pressure Relief Device	Repair is technically infeasible without a process unit shutdown		
510	Pressure Relief Device	Repair is technically infeasible without a process unit shutdown		
509	Thief Hatch	Repair is technically infeasible without a process unit shutdown		

DIFFE	ULT/UNSAFE TO MONITOR CO	MPUNENTS
DTM or UTM	COMPONENT TYPE	COUNT
one	Commoncer the	

	SURVEY SUMMARY REPORT	
COMPANY	ONEOK Inc.	
FACILITY	Lost Bridge	
FACILITY TYPE	Compressor Station	

		SURVEY INFORMATION		
DATE	5/11/2017	OGI OPERATOR	(b) (6)	
START TIME	10:21:00	TRAINING COMPLETED	ITC Certified Thermographer	
END TIME	13:15:00	YEARS EXPERIENCE	1	
SKY CONDITIONS	Partly Cloudy	MAXIMUM WIND SPEED	6	
INSTRUMENT USED	GF320	AMBIENT TEMPERATURE °F	80	

DEVIATIONS FROM THE MONITORING PLAN				
YES/NO	RE	ASON FOR DEVIATION IF "YES"		
NO	NO			

LEAKS					
COMPONENT TAG	COMPONENT TYPE	REPAIRED PER 60.5397a(h)	DATE OF REPAIR	RESURVEY INSTRUMENT	
508	Connector	YES	5/11/2017 12:50	OGI- GF320	
507	Connector	YES	5/11/2017 12:39	OGI- GF320	
506	Connector	YES	5/11/2017 12:15	OGI- GF320	
501	Thief Hatch	YES	6/7/2017 12:45	OGI- GF320	
505	Valve	YES	6/7/2017 12:50	OGI- GF320	
504	Connector	YES	6/7/2017 13:01	OGI- GF320	
503	Thief Hatch	YES	6/7/2017 12:50	OGI- GF320	
502	Pressure Relief Device	YES	6/7/2017 12:47	OGI- GF320	

TOTAL LEAKS DETECTED		
COMPONENT TYPE	COUNT	
VALVE	1	
CONNECTOR	4	
THIEF HATCH	2	
PRESSURE RELIEF DEVICE	1	

DELAY OF REPAIR				
COMPONENT TAG	COMPONENT TYPE	REASON FOR DELAY		
None				

DIFFICU	LT/UNSAFE TO MONITOR COMP	ONENTS
DTM or UTM	COMPONENT TYPE	COUNT
None	III II	